

FIG. 1

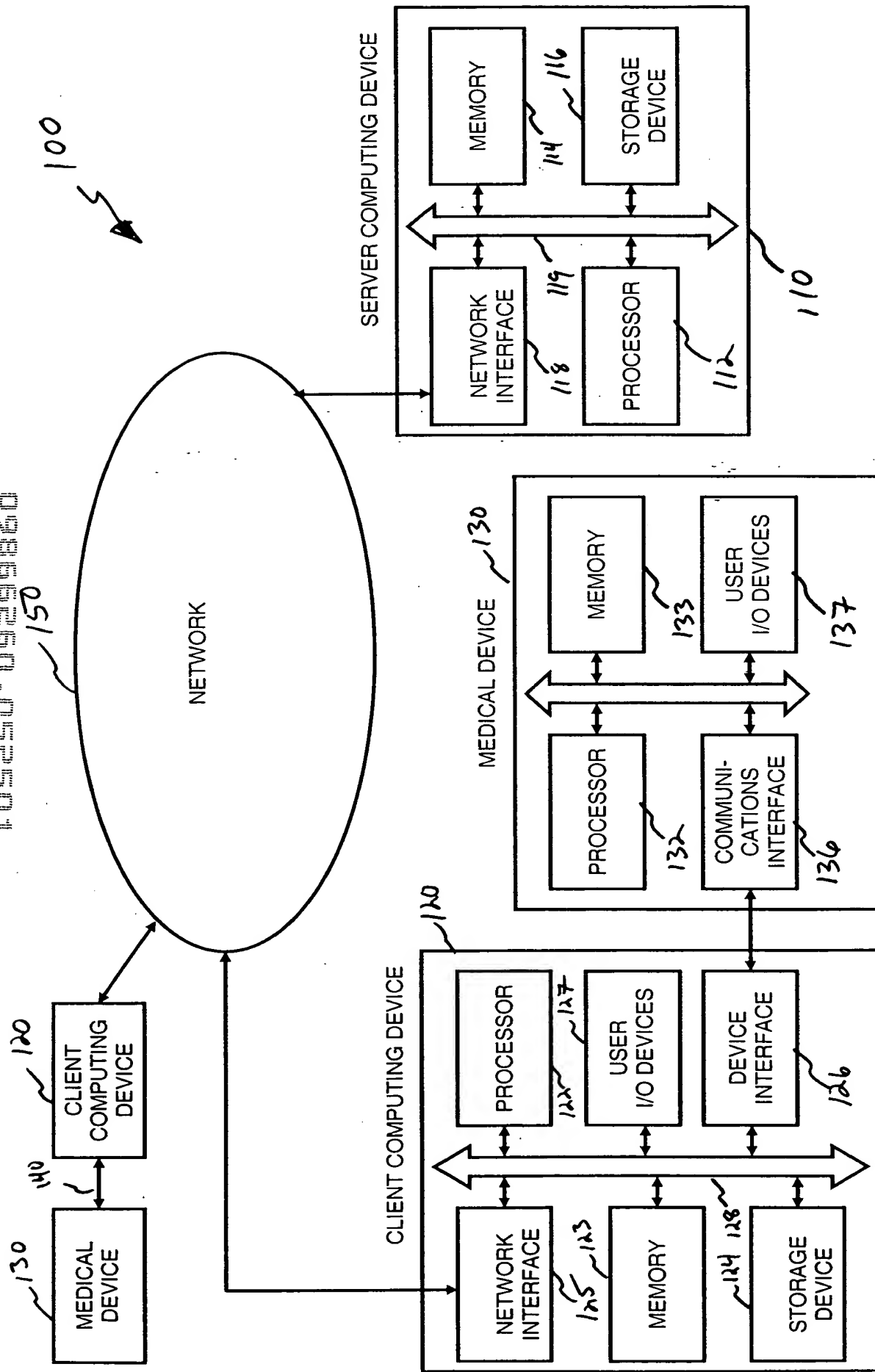


FIG. 1

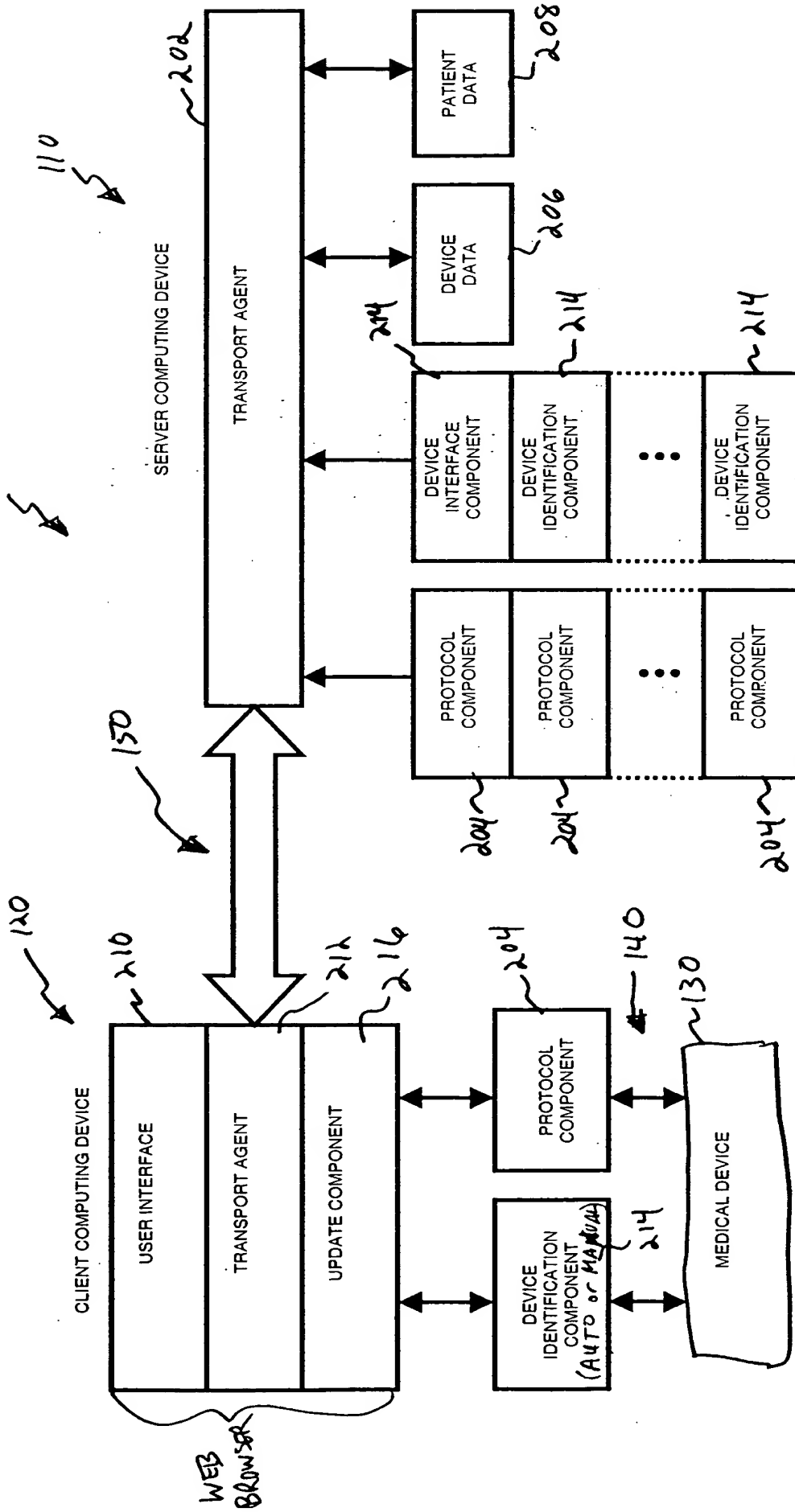


FIG. 2

0986250 052504

AS 300

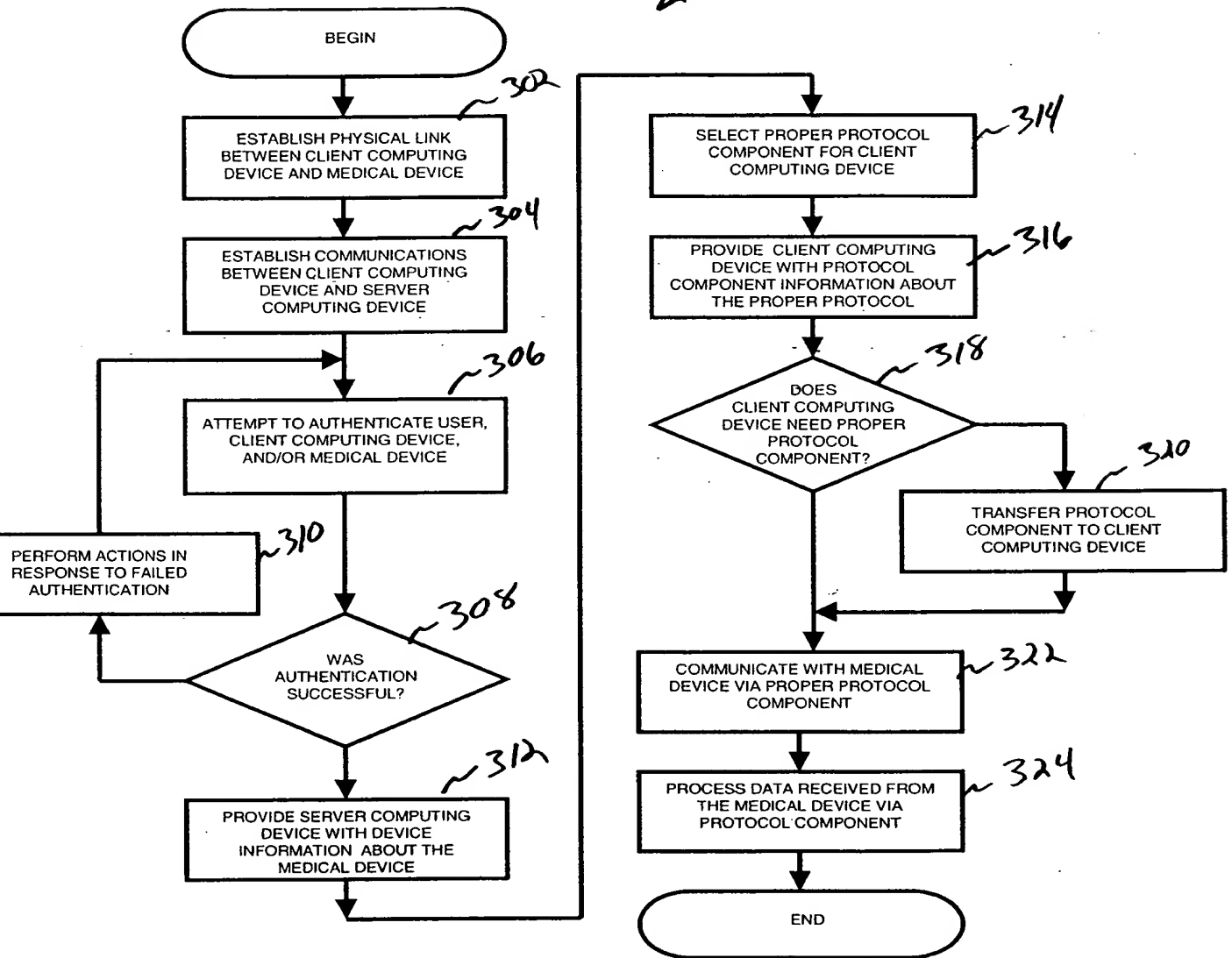


FIG. 3

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graph TD
    BEGIN([BEGIN]) --> 402[ESTABLISH PHYSICAL LINK  
BETWEEN CLIENT COMPUTING  
DEVICE AND MEDICAL DEVICE]
    402 --> 404[ESTABLISH COMMUNICATIONS  
BETWEEN CLIENT COMPUTING  
DEVICE AND SERVER  
COMPUTING DEVICE]
    404 --> 406[ATTEMPT TO AUTHENTICATE USER,  
CLIENT COMPUTING DEVICE,  
AND/OR MEDICAL DEVICE]
    406 --> 408{WAS AUTHENTICATION  
SUCCESSFUL?}
    408 -- NO 410 --> 410[PERFORM ACTIONS IN  
RESPONSE TO FAILED  
AUTHENTICATION]
    410 --> 406
    408 -- YES 412 --> 412[PROVIDE SERVER COMPUTING  
DEVICE WITH INFORMATION  
ABOUT THE DEVICE  
IDENTIFICATION COMPONENT]
    412 --> 414{DOES DEVICE IDENTIFICATION  
COMPONENT NEED  
UPDATED?}
    414 -- YES 416 --> 416[TRANSFER DEVICE IDENTIFICATION  
COMPONENT TO CLIENT  
COMPUTING DEVICE]
    416 --> 414
    414 -- NO 418 --> 418[PROVIDE SERVER COMPUTING  
DEVICE WITH INFORMATION  
ABOUT THE MEDICAL DEVICE]
    418 --> 420[SELECT PROPER PROTOCOL  
COMPONENT FOR CLIENT  
COMPUTING DEVICE]
    420 --> 422[TRANSFER PROTOCOL  
COMPONENT TO CLIENT  
COMPUTING DEVICE]
    422 --> 424[COMMUNICATE WITH MEDICAL  
DEVICE VIA PROPER PROTOCOL  
COMPONENT]
    424 --> 426[PROCESS DATA RECEIVED FROM  
THE MEDICAL DEVICE VIA  
PROTOCOL COMPONENT]
    426 --> END([END])
  
```

FIG. 4

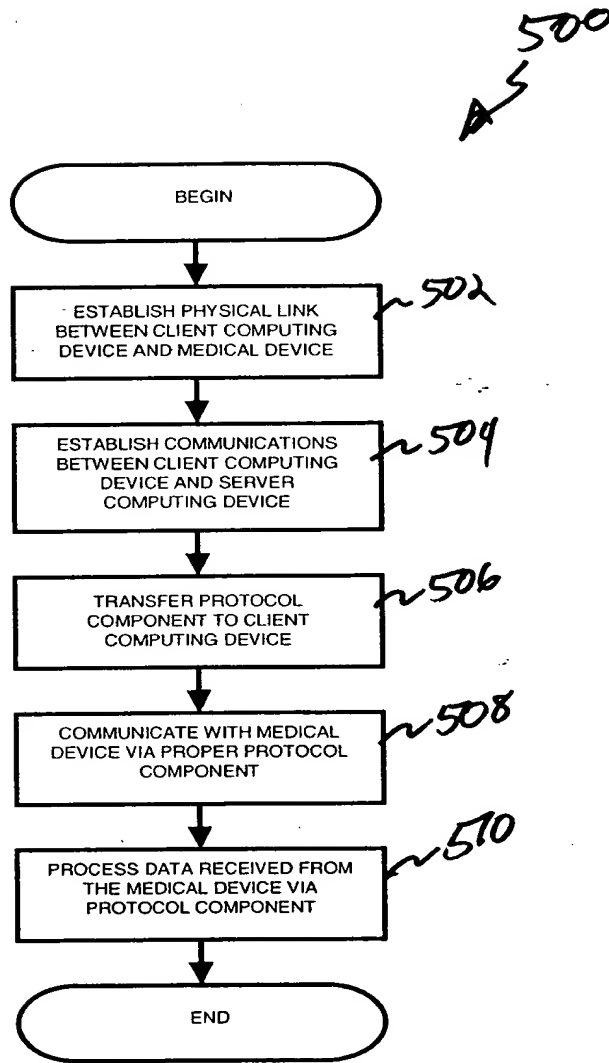


FIG. 5